
ELIS Incident Report

Part A: General Information

Incident ID

1024153-008

County:

State: CA

Country: USA

Incident Date: ##### through

Total Number:

Total Magnitude: 1 Mountain lion

Year: 2010

Case #: S1008074

Weather:

Incident Type

☐ Aqua. Animal

☒ Terr. Animal

☐ Field Study

☐ Aqua. Plant

☐ Terr. Plant

Created: #####

Updated: #####

Abstract:

A southern California mountain lion died after being hit by a car. The pesticides brodifacoum (0.10 ppm), bromadiolone (1.6 ppm) and diphacinone (trace) were detected in the lions liver.

Reports

Package #	Incident #	Source	Report Date
024153	008	California Health and Food Safety	11/5/2010

ELIS Incident Report

Part B: Pesticide Information

I024153-008

County:

State: CA

Date: #####

Pesticide: Brodifacoum (112701)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unrelated

The mountain lion died after being hit by a car. The rodenticides brodifacoum, bromadiolone, and diphacinone were detected in the mountain lion's liver. In the absence of postmortem findings consistent with coagulopathy, the detection of rodenticides in mountain lions is considered an incidental finding and consistent with exposure but not intoxication.

Pesticide: Bromadiolone (112001)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unrelated

The mountain lion died after being hit by a car. The rodenticides brodifacoum, bromadiolone, and diphacinone were detected in the mountain lion's liver. In the absence of postmortem findings consistent with coagulopathy, the detection of rodenticides in mountain lions is considered an incidental finding and consistent with exposure but not intoxication.

Pesticide: Diphacinone (067701)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unrelated

The mountain lion died after being hit by a car. The rodenticides brodifacoum, bromadiolone, and diphacinone were detected in the mountain lion's liver. In the absence of postmortem findings consistent with coagulopathy, the detection of rodenticides in mountain lions is considered an incidental finding and consistent with exposure but not intoxication.

ELIS Incident Report

Part C: Species Information

I024153-008

County:

State: CA

Date: #####

1

Species: Mountain lion

Response:

Sci. Name: Felis concolor

Magnitude: 1

Taxon: Mammal

Habitat:

Age:

Distance:

Rt. of Exposure: Secondary poisoning

Necropsy

Number:

Condition:

Cholinesterase

Number:

Activity: um/g/min
Percent of Normal

Tissue Residues

Sample Type	PC Code	Pesticide	N	Conc. (ppm)
Liver	112001	Bromadiolone	1	1.6
Liver	112701	Brodifacoum	1	0.10
Liver	067701	Diphacinone	1	Trace

ELIS Incident Report

Part D: Environmental Measurements

County:

State:

Date:

Common Name

PC Code

Degredate

Concentrations
in ppb

Water

Soil

Sediment

Foliage

Min.

Max.

N

LOD

Other Samples

Description

Concentration

N

LOD

Dissolved Oxygen (ppm)

to

pH

to
